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Appl. No. 10/797,294
Amdt. Dated March 2, 2007
Reply to Office Action of February 6, 2007

Amendments to the Claims:

This listing will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently amended): A head restraint support for a foldable head restraint, the head restraint support capable of holding a ~~bun~~, bun and comprising a latch mechanism for integral with the head restraint support and the latch capable of locking the head restraint support in a design position; desired position, the latch mechanism including a moveable member that can be selectively moved independent of the head restraint support between a latched position in which a portion of the head restraint support is locked against pivotal movement and an unlatched position in which the portion of the head restraint support can pivot over the moveable member of the latch mechanism.

Claim 2 (Currently amended): The head restraint support of claim 1, further comprising a rotational hole for receiving a rotational shaft, the head restraint support pivoting about the rotational shaft.

Claim 3 (Currently amended): head restraint support of claim 2, further comprised of a metal substrate for holding a ~~the~~ bun.

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Claim 4 (Currently amended): The head restraint support of claim 3, wherein ~~where~~ the metal substrate is enclosed at least partially by an over-molded structure. ~~geometry~~.

Claim 5 (Currently amended): The head restraint support of claim 4, wherein ~~where~~ the over-molded ~~geometry~~ structure is generally cylindrical.

Claim 6 (Currently amended): The head restraint support of claim 5, further comprising a stabilizer hole for receiving a stabilizer rod.

Claim 7 (Currently amended): The head restraint support of claim 6, wherein ~~where~~ the ~~primary~~ latch mechanism includes ~~has~~ a first latch surface provided on the portion of the head restraint support that is locked in position by the movable member of the latch mechanism for engagement with a first stop.

Claim 8 (Currently amended): The head restraint support of claim 7, wherein ~~where~~ the ~~primary~~ latch mechanism includes ~~has~~ a second latch surface provided on the portion of the head restraint support that is locked in position by the movable member of the latch mechanism for engagement with a first cam surface.

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Claim 9 (Currently amended): The head restraint support of claim 8, wherein where the portion of the head restraint support that is locked in position by the movable member of the latch mechanism is integrally formed with the head restraint support. ~~the metal substrate 17 and an integral latch are made from one piece.~~

Claim 10 (Currently amended) : The head restraint support of claim 9, wherein where the metal substrate is manufactured by a ~~close tolerance~~ metal fabrication process.

Claim 11 (Currently amended): A foldable head restraint comprising:

a first head restraint support for receiving a bun;

a bracket; and

a latch mechanism.

the latch mechanism including a cam that can be selectively moved independently of the first head restraint support between a latched position in which a portion of the first head restraint support is locked against pivotal movement and an unlatched position in which the portion of the first head restraint support can pivot over the cam.

~~a cam that engages with the first head restraint support for holding the first head restraint support in a design position.~~

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Claim 12 (Currently amended): The foldable head restraint of claim 11, wherein the portion of the first head restraint support that is locked in position by the movable member of the latch mechanism is integrally formed with the first head restraint support. ~~further comprising a primary latch, the primary latch integral to the first head restraint support and engageable by the cam.~~

Claim 13 (Currently amended): The foldable head restraint of claim 12, further comprising a second head restraint support.

Claim 14 (Currently amended): The foldable head restraint of claim 13, further comprising a rotational bar extending through the first head restraint support and the second head restraint support, and the bracket such that the first head restraint support and the second head restraint support are rotatable about the rotational bar.

Claim 15 (Currently amended): The foldable head restraint of claim 14, further comprising a stabilizer bar, the stabilizer bar attached to the first head restraint support and the second head restraint support.

Claim 16 (Currently amended): The foldable head restraint of claim 15, further comprising a first stop pin, the first stop pin being attached to the bracket.

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Claim 17 (Currently amended): The foldable head restraint of claim 16, ~~wherein where~~ the portion of the first head restraint support that is locked in position by the cam latch has a first latch surface, and the first latch surface is engageable with the stop pin to prohibit motion of the first head restraint support in a first direction.

Claim 18 (Currently amended): The foldable head restraint of claim 17, ~~wherein where~~ the primary latch mechanism has a second latch surface provided on the portion of the first head restraint support that is locked in position by the cam that engages with the ~~first cam surface~~ to prohibit rotation of the first head restraint support in a second direction.

Claim 19 (Original): The foldable head restraint of claim 18, ~~wherein where~~ the cam is rotatable.

Claim 20 (Currently amended): The foldable head restraint of claim 19, further comprising a ~~where the cam has a torsion spring, and the torsion spring that~~ biases the cam in the first direction.

Claim 21 (Currently amended): The foldable head restraint of claim 20, ~~wherein where~~ the cam includes has a cable pin, ~~the cable pin that~~ receives an end of ~~the~~ a cable wire.

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Claim 22 (Currently amended): The foldable head restraint of claim 21, wherein ~~where~~ a first end of the torsion spring is attached to the cable pin.

Claim 23 (Currently amended): The foldable head restraint of claim 22, wherein ~~where~~ the torsion spring has a second end, ~~and the second end~~ that is attached to the bracket.

Claim 24 (Currently amended): The foldable head restraint of claim 23, wherein ~~where~~ the cam is installed on a cam pivot pin and the torsion spring is mounted on the cam pivot pin.

Claim 25 (Currently amended): The foldable head restraint of claim 24, wherein ~~where~~ the cable pin is located at the first end of the cam and the cam pivot pin is located at the second end of the cam.

Claim 26 (Currently amended): The foldable head restraint of claim 25, further comprising a second stop, the second stop attached to the bracket.

Claim 27 (Currently amended): The foldable head restraint of claim 26, wherein the ~~where~~ a second head restraint support has a structure that ~~second latch, and the second latch~~ engages with the second stop to prohibit motion of the second head support in a first direction.

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Claim 28 (Currently amended): The foldable head restraint of claim 27, wherein ~~where~~ the bracket has a first side and a second side, and side with the first stop is located on the first side and the second stop is located on the second side.

Claim 29 (Currently amended): The foldable head restraint of claim 28, wherein ~~where~~ each of the first head restraint supports comprises ~~support has a first metal substrate that and the second head restraint support has a second metal substrate, and the first metal substrate is contained within a first over-molded geometry and the second metal substrate is contained within an a second over-molded geometry.~~

Claim 30 (Currently amended): The foldable head restraint of claim 29, wherein ~~where~~ the first over-molded geometry and the second over-molded geometry geometries are generally cylindrically shaped. ~~cylindrical.~~

Claim 31 (Currently amended) : The foldable head restraint of claim 30, wherein ~~where~~ the first metal substrate and the second metal substrate substrates are manufactured by a ~~close-tolerance~~ metal fabrication process.

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Claim 32 (Currently amended): The foldable head restraint of claim 31, wherein ~~where~~ the primary metal substrate and the second metal substrate substrates are generally fine blanked components.